

ABSTRACT

An electromagnetic fuel injector for an internal combustion engine, comprising a main body having a central cylindrical cavity adapted to act as a duct for the fuel, a valve which is disposed to close an end of the central cylindrical cavity and is provided with a moving shutter, an electromagnetic actuator which is provided with a coil, a fixed armature, and a moving armature mechanically connected to the shutter and adapted to be magnetically attracted by the fixed armature against the action of a spring, and a monolithic tubular member which is disposed coaxially within the central cylindrical cavity and houses the fixed armature and the moving armature.